

Title (en)

PLATINUM ELECTRODE SURFACE COATING AND METHOD FOR MANUFACTURING THE SAME

Title (de)

OBERFLÄCHENBESCHICHTUNG FÜR PLATINELEKTRODE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

REVÊTEMENT DE SURFACE D'ÉLECTRODE DE PLATINE ET PROCÉDÉ DE FABRICATION CORRESPONDANT

Publication

EP 1945835 B1 20131225 (EN)

Application

EP 06815176 A 20060921

Priority

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- US 25982205 A 20051026

Abstract (en)

[origin: WO2007050212A2] An electrode surface coating and method for manufacturing the electrode surface coating comprising a conductive substrate; a surface coating of platinum having a rough configuration and an increase in the surface area of 5 times to 500 times of the corresponding surface area resulting from the basic geometric shape of the electrode. A method for electroplating an electrode surface with platinum coating having a rough surface, comprising electroplating the surface of a conductive substrate at a rate such that the metal particles form on the conductive substrate faster than necessary to form shiny platinum and slower than necessary to form platinum black.

IPC 8 full level

A61N 1/05 (2006.01); **C25D 3/50** (2006.01)

CPC (source: EP US)

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